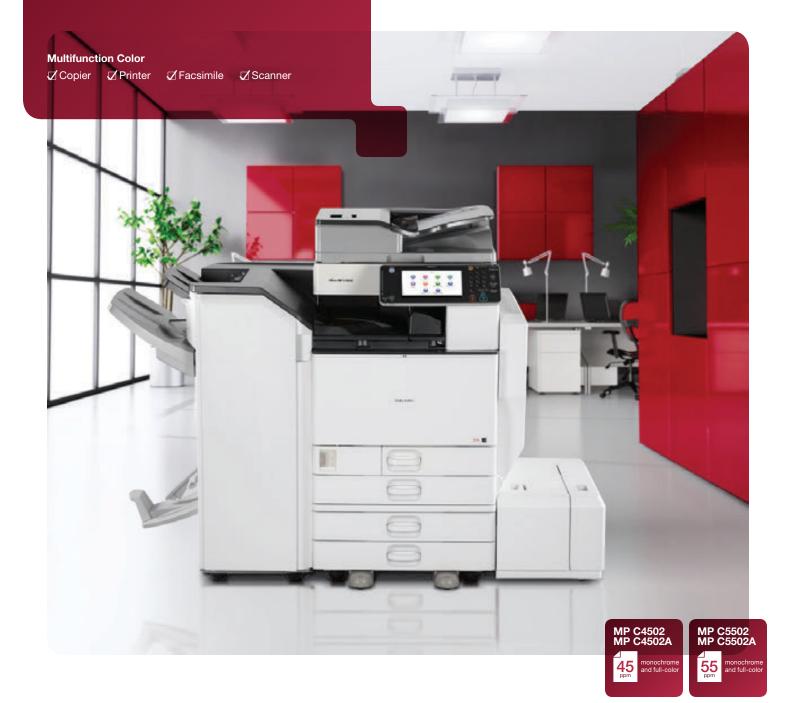
RICOH

Ricoh Aficio MP C4502/MP C5502 & MP C4502A/MP C5502A





A fast-paced workplace offers something new and exciting every day. It's time your Multifunction Product (MFP) does too. The versatile RICOH® Aficio® MP C4502/MP C5502 Series delivers highquality, full-color performance to streamline your unique workflow demands. These innovative MFPs leverage advanced capabilities found only in Ricoh's services led platform to simplify even the most complex printing, copying, scanning, and distribution tasks. With robust security features, impressive finishing capabilities and eco-friendly operation, these MFPs manage heavy workloads with exceptional efficiency. Choose this series to be the primary system for your workgroup or as an integral part of the Ricoh Managed Document Services (MDS) strategy to help enhance productivity and reduce total cost of ownership throughout your organization.

- Produce 45-55 color prints/copies per minute
- Enjoy versatile performance in an intelligent, compact design
- Take advantage of convenient, customizable one-touch home screen operation
- Support environmental and security best practices and standards



Improve every aspect of your output environment

Enjoy efficiency and quality

Customize your user interface

This system sets a new standard for intuitive operation. Users can quickly and easily customize the operations panel home screen with their own company logo, workflows, preferences and settings — bringing speed and convenience to every job. You can also tilt the panel and lock it in a position that is ergonomically comfortable.



Control individual or group usage

Reducing waste has never been easier. The system allows administrators to set quotas for individuals or workgroups, which helps control costs associated with paper, supplies and energy consumption.

An Eco-Friendly Indicator also minimizes costs by providing paper usage histories for specific users and certain job types.



Print reliably, with better quality

For professional-looking documents, Ricoh's advanced PxP-EQ toner delivers crisp, monochrome and color reproduction every time. The newly designed fusing technology measurably shortens the sleep-to-operate time, which improves image quality and reduces power consumption.



Protect your documents and data

The Ricoh Aficio MP C4502/MP C5502 Series incorporates a host of state-of-the-art security features that helps with security compliance requirements — both yours and organizations you serve. For example, passwords and user authentication help prevent unauthorized copying or printing. By utilizing DOSS, information is overwritten on the HDD.



Full-featured, performance enhancing

Produce high-quality documents - fast

The Ricoh Aficio MP C4502/MP C5502 Series offers a powerful integration of speed and reliability that improves both personal and workgroup productivity. This system prints or copies up to 55 pages-per-minute. An impressive warm-up time of less than 24 seconds means faster output and less waiting. Individual prints or copies take less than six seconds. A choice of three finishing options — including a 2,000-Sheet Booklet Finisher — adds a professional touch to any document.



Take advantage of powerful connections

Enjoy full compatibility throughout the office with a host of network capabilities engineered specifically to enhance efficiency. Print from most manufacturers' mobile devices by downloading their application for convenient output when and where it is needed most. Generate output at the device using a USB memory or SD card for convenience and flexibility.



Share documents with greater speed and confidence

This new series lets you scan, share and store documents quickly and easily. You can scan full-color or monochrome originals and share them instantly with Scan-to-Email/Folder/HDD. Preview full-color thumbnails of scanned pages to ensure quality and accuracy before distributing them. Access LDAP-registered directories and information, including Home Directory, for fast, convenient scanning and easier, cost-effective administration. This system also offers a High Compression PDF feature, which allows you to compress file sizes for faster, more reliable distribution.



Personal, powerful and secure

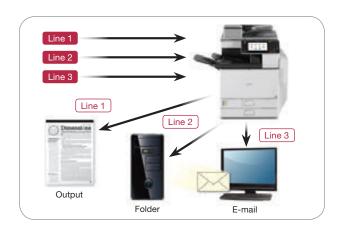
Work the way you want with customizable features

Configure the Ricoh Aficio MP C4502/MP C5502 Series to align perfectly with the way you like to work. A tiltable, full-color control panel features a customizable, personal Home Screen. You can quickly configure workflows, choose icons and create convenient single-step shortcuts for frequently used operations. Assign personal preferences and selected functions to five, one-touch function keys. An external keyboard can be connected via a USB port to accommodate users who prefer traditional keyboard input to a touch screen. A time-saving Auto Job Promotion feature elevates jobs higher in the print queue if they are being blocked by jobs stopped due to errors.



Depend on efficient, reliable fax communications

An innovative Fax Connection option opens fast and streamlined communications with other Ricoh devices on the same network. This connection simplifies the infrastructure required for fax communications and keeps operating costs low. Connect up to three analog lines and greatly expand your fax capacity and reduce or eliminate network bottlenecks. You can also use the Internet Fax feature to distribute documents directly to e-mail addresses and eliminate long-distance costs. Inbound faxes can be automatically forwarded to e-mail addresses, network folders or the system hard drive.



Protect hardcopy and electronic documents

With the DataOverwriteSecurity System (DOSS) feature, the MFP will automatically destroy latent images and data stored on the internal HDD. The encryption feature will encrypt your address book, authentication information, and your stored documents on the MFP. Password-protected and user-specific authentication provides a secure line of defense. PDF/A file support and enhanced encryption also help to ensure a high global standard of information security. You can also store a print job at the device until an authorized user swipes their ID card or enters their ID information at the control panel to release it. Unauthorized Copy Control prevents fraudulent duplication of sensitive documents.



Manage your fleet with efficiency and precision

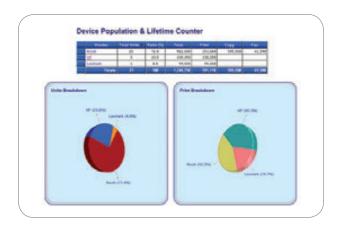
Simplify administrative tasks and system upgrades

A number of easy-to-use tools allow you to simplify virtually every type of job. You can dramatically reduce costs associated with wasted output by establishing print and copy quotas for as many as 1,000 users. Ricoh's Web Image Monitor lets you configure system settings, manage address books and monitor device status. Remote firmware upgrades make it easy to capitalize on the latest technology and optimize system performance.



Take control with user-friendly tools

Ensure your networked devices operate at peak efficiency via intuitive system management, device monitoring, troubleshooting and other administrative tools. Configure, organize and diagnose network devices remotely by accessing Web SmartDeviceMonitor from any standard web browser. Automate service calls and the collection of critical device data with @Remote™ software. You can even request e-mail alerts, so you'll know the moment supplies are low or an error is detected.



Minimize environmental impact, maximize savings

Ricoh's commitment to environmental responsibility is reflected in the design of this innovative system. You can measurably reduce your paper consumption by encouraging users to take advantage of the high-performance automatic duplexing — for both copying and printing. A built-in Eco-Friendly Indicator tells users how much they or their workgroups have saved by using two-sided printing capabilities. To minimize energy use and wait time, the Ricoh Aficio MP C4502/MP C5502 Series consumes only 1 watt while in Sleep Mode and recovers in less than 18 seconds.



Comprehensive features in a compact design



- 1 Easy access and intuitive operation on the homescreen via the large 8.5" full-color LCD control panel
- 2 100-sheet Single Pass Duplex Feeder (SPDF) to efficiently handle one- and two-sided originals for copying, scanning and faxing*
- 3 Standard 2 x 550-sheet paper trays for longer, uninterrupted runs
- 4 Standard 100-sheet bypass tray accommodates a wide range of paper sizes and types

- Optional 2 x 550-sheet paper trays (shown) or 2,000-sheet large capacity tray for multiple paper sources on demand
- 6 Optional 1,200-sheet side LCT for even more productivity
- 7 A 1,000-sheet finisher, 2,000-sheet booklet finisher (shown), 3,000-sheet finisher and punch kits offer an entire range of finishing possibilities
- 8 125-sheet one-bin tray to separate output and simplify document retrieval

^{*}The MP C4502 and the MP C5502 comes standard with an Automatic Reversing Document Feeder (ARDF).

Ricoh Aficio MP C4502/MP C5502/MP C4502A/MP C5502A

SYSTEM SPECIFICATIONS

General Specifications Dry Electrostatic Transfer

MP C4502/A: 45 ppm BW & FC (LTR) Output Speed (Copy/Print) MP C5502/A: 55 ppm BW & FC (LTR) Warm-Up Time MP C4502/A: 22.1 seconds MP C5502/A: 24.1 seconds MP C4502/A: 15 seconds Recovery from MP C5502/A: 18 seconds MP C4502/A: 5.7/3.6 seconds Sleep Mode First Copy Time

(A5 - A3)

(A5 - A3)

Standard

w/ARDF

w/SPDF

120V – 127V, 60Hz 1,584W or less

MP C4502: 2151Wh

MP C5502: 2719Wh

Standard: 500 sheets

Paper Weight:

Paper Weight

Original Capacity: 100 sheets Original Size: 5.5" x 8.5" - 11" x 17"

Simplex: 11 – 34 lb. Bond (40 – 128 g/m²)

Duplex: 14 - 34 lb. Bond (52 - 128 g/m²)

Simplex: 11 – 34 lb. Bond (40 – 128 g/m²)

Duplex: 14 – 34 lb. Bond (52 – 128 g/m²) Standard: 2 x 550 sheets + 100-sheet

2nd Paper Tray: 7.25" x 10.5" - 11" x 17",

Custom Sizes: Width: 3.5" – 12" (90 – 305 mm), Length: 5.8" – 23.6" (148 – 600 mm)

Plain/recycled paper, laser printer qualified

Maximum: 3,625 sheets (w/3,000 Sheet Finisher + 1 Bin Tray)

MP C4502/C5502: 26.4" x 26.9" x 35.3" (670 x 682 x 895 mm) w/ARDF

MP C4502A/C5502A: 26.4" x 26.9" x 36.7"

400% in 1% increments

MP C4502/C5502: < 287 lb. (130 kg)

MP C4502A/C5502A: < 293 lb (133 kg)

(670 x 682 x 930 mm) w/SPDF

Bypass Tray, Maximum: 4,400 sheets

Envelopes (with option)
Bypass: Up to 12" x 18", Envelopes

Standard Trays: 16 - 68 lb. Bond/

140 lb. Index (52 – 256 g/m²) Bypass Tray: 16 – 80 lb. Bond/

110 lb. Cover (52 - 300 g/m²)

Duplex Unit: 16 – 45 lb. Bond/ 90 lb. Index (52 – 169 g/m²)

transparencies, labels, envelopes

(w/Tandem LCT + Side LCT) 1st Paper Tray: 8.5" x 11" (A4)

Original Capacity: 100 sheets Original Size: 5.5" x 8.5" - 11" x 17"

MP C5502/A: 4.8/3.1 seconds Copy Resolution 600 dpi Up to 999 copies Quantity Indicator

Document Feeder

Printing Process

MP C4502/C5502 Automatic Reversing Document Feeder (ARDF)

MP C4502A/C5502A Single Pass Duplexing

Feeder (SPDF)

Supported Paper Sizes

Paper Capacity

Supported Paper Weights

Paper Types Auto Duplex Output Capacity

Zoom Dimensions (WxDxH)

Weight

Power Requirements Power Consumption

Font Support

Network Interfaces

TEC Value

MP C4502A: 2150Wh MP C5502A: 2749Wh

Printer Specifications (Standard) Intel Celeron-M @ 1.0 GHz. Embedded CPU

2 GB RAM Standard/Maximum; 190 GB Memory Hard Disk Drive (with DOSS/Encryption) Print Drivers Standard: PCL 5c. PCL 6 (XL). XPS via download

Optional: Postscript 3 Standard: PCL: 45 Scalable Optional: PostScript 3: 136 Roman fonts

1200 x 1200 dpi Standard: 10BaseT/100Base-TX Ethernet Max. Print Resolution (RJ-45), USB 2.0 Host Interface, USB 2.0

for direct PC/Mac connection, Front USB 2.0/SD Card Slot Interface Optional: Gigabit Ethernet (1000Base-T) IEEE 802.11a/b/g Wireless Interface IEEE 1284/ECP Parallel Interface, Bluetooth

Network Protocol Support Network/OS

TCP/IP (IPv4, IPv6), IPX/SPX* Windows XP/Vista/7/Server 2003/Server 2008/Server 2008R2, Mac OS X 10.2 or later, Novell NetWare 6.5*, Sun Solaris, HP-UX, SCO OpenServer, RedHat Linux and IBM AIX, SAP R/3

Utilities Web SmartDeviceMonitor, @Remote

*Netware option is required

Scanner Specifications (Standard)

Scanner Resolution BW and FC scanning at 100 - 600 dpi, Up to 1200 dpi for TWAIN scanning Default Scan Resolution: 200 dpi MP C4502/C5502: 300 dpi: 67 ipm BW/FC Scanning Speed (Letter-size)

MP C4502A/C5502A: 300 dpi: 85 ipm BW/FC Simplex/110 ipm BW/FC Duplex Main Scan: 11.7" (297 mm)

Sub Scan: 17" (432 mm) Single/Multi-Page TIFF, Single Page JPEG, Supported File Single/Multi-Page PDF, Single/Multi-Page

PDF/A

High Compression PDF Scan-to-Email (with LDAP support) Scan Modes Scan-to-Folder (SMB/FTP/NCP)

Scan-to-URL Scan-to-Media (USB/SD Card) Network TWAIN Scanning

Document Server Specifications (Standard)

Max. Stored Documents 3,000 documents Max. Page Capacity 9,000 pages

Facsimile Specifications (Optional)

Fax Option Type C5502; Super G3 Type 200 x 100 dpi, 200 x 200 dpi, 400 x 400 dpi (with optional SAF memory) Resolution Modem Speed 33.6K – 2,400 bps w/Auto Fallback MH, MR, MMR, JBIG Compression Method

Auto Dialing 2,000 Quick/Speed Dial numbers; 100 Group Dial numbers Standard: 4 MB (approx. 320 pages), Optional: 28 MB (approx. 2,240 pages) Memory Capacity (SAF)

with optional SAF memory Internet Fax by E-mail (T.37); IP Fax (T.38); Additional Modes LAN Fax; Fax Forward to E-mail/Folder; LDAP Support

Options Additional G3 Lines (up to 2): Fax SAF Memory; Telephone Handset, Fax Connection Unit

Security Features (Optional)

Copy Data Security, DataOverwriteSecurity System (DOSS) with ISO 15408 Common Criteria Certification

Hardware Accessories Paper Handling Options

Two-Tray Paper Bank (PB3130)

Tray Capacity 1,100 sheets (550 sheets x 2 trays) 5.8" x 8.3" to 11" x 17" (A5 – A3) 14 – 68 lb. Bond/140 lb. Index Paper Size Paper Weight

- 256 g/m²) Dimensions (WxDxH) 22.8" x 24.4" x 10.2" (580 x 620 x 260 mm)

Tandem Large Capacity Tray (PB3140)

2,000 sheets (1,000 sheets x 2) Tray Capacity Paper Size 8.5" x 11" (A4)

Paper Weight 14 – 68 lb. Bond/140 lb. Index (52 – 256 g/m²) Dimensions (WxDxH) 22.8" x 24.4" x 10.2" (580 x 620 x 260mm)

Side Large Capacity Tray (RT3020) Tray Capacity 1,200 sheets

Paper Size 8.5" x 11" (A4) 16 – 57.5 lb. Bond/120 lb. Index Paper Weight

(60 - 216 g/m²) Dimensions (WxDxH) 21.3" x 15.1" x 11.4" (540 x 384 x 290 mm)

Requires Two-Tray Paper Bank (PB3130) or Tandem LCT (PB3140)

Finisher Options

1,000-Sheet Finisher (SR3090)2

Proof Tray: 5.5" x 8.5" to 12" x 18" (A6 – A3) Shift Tray: 5.5" x 8.5" to 12" x 18" Paper Size Proof Tray: 14 - 69 lb. Bond/140 lb. Index Paper Weight

 $(52 - 260 \text{ g/m}^2)$ Shift Tray: 14 - 43 lb. Bond/90 lb. Index

(52 - 163 g/m²) Proof Tray: 250 sheets (8.5" x 11") Stack Capacity

or smaller

50 sheets (8.5" x 14" or larger) Shift Tray: 1,000 sheets (8.5" x 11")

500 sheets (8.5" x 14" or larger)

50 sheets (8.5" x 11") Staple Capacity 30 sheets (8.5" x 14" or larger) 8.5" x 11" to 12" x 18" Staple Paper Sizes Staple Paper Weight 17 – 24 lb. Bond (64 – 90 g/m²) Staple Positions 1 staple: 2 positions;

2 staples: 1 position 10.7" x 20.5" x 31.2" (270 x 520 x 790 mm) Dimensions (WxDxH)

2.000-Sheet Booklet Finisher (SR3110)

Paper Weight

Staple Capacity

Proof Tray: 5.5" x 8.5" to 12" x 18" (A6 - A3) Paper Size

Shift Tray: 5.5" x 8.5" to 12" x 18" Booklet Tray: 8.5" x 11", 8.5" x 14", 11" x 17" Proof Tray: 14 – 43 lb. Bond/90 lb. Index

(52 - 163 g/m²) Shift Tray: 14 - 68 lb. Bond/140 lb. Index

(52 - 256 a/m²)

Rooklet Tray: 17 – 24 lb. Bond (64 – 90 g/m²) Proof Tray: 250 sheets (8.5" x 11" or smaller) 50 sheets (8.5" x 14" or larger) Stack Capacity

Shift Tray: 2,000 sheets (8.5" x 11" or smaller) 1,000 sheets (8.5" x 14" or larger) 500 sheets (5.5" x 8.5")

Booklet Tray: 30 sets (2 - 5 sheets/set, all sizes, saddle-stitched) or 15 sets - 10 sheets/set, all sizes, saddle-stitched) or 10 sets (11 - 15 sheets/set, all sizes,

saddle-stitched)

Normal Staple: 50 sheets (8.5" x 11") 30 sheets (8.5" x 14" or larger and/or

Mixed Sizes) Saddle Stitch: 15 sheets (up to 60-page

hooklets) Normal Staple: 8.5" x 11" to 11" x 17 Staple Paper Size

Saddle Stitch: 8.5" x 11" to 11" x 17" 17 – 24 lb. Bond (64 – 90 g/m²) Staple Paper Weight 1 staple: 3 positions; 2 staples: 2 positions Staple Positions 2-/3-Hole Punch Unit Optional; Installs inside Booklet Finisher

Punch Paper Sizes: 5.5" x 8.5" to 11" x 17" Dimensions (WxDxH) 25.9" x 25.1" x 37.8" (657 x 613 x 960 mm)

3.000-Sheet Finisher (SR3120)

Proof Tray: 5.5" x 8.5" to 12" x 18" (A6 - A3) Paper Size Shift Tray: 5.5" x 8.5" to 12" x 18"

Paper Weight Proof Tray: 14 - 43 lb. Bond/ 90 lb. Index (52 - 163 g/m²) Shift Tray: 14 - 68 lb. Bond/

140 lb. Index (52 - 256 g/m²) Proof Tray: 250 sheets (8.5" x 11" or smaller) Stack Capacity

50 sheets (8.5" x 14" or larger) Shift Tray: 3,000 sheets (8.5" x 11") 1,500 sheets (8.5" x 14" or larger) 500 sheets (5.5" x 8.5")

50 sheets (8.5" x 11") 30 sheets (8.5" x 14" or larger and/or

Mixed Sizes) 8.5" x 11" to 11" x 17' Staple Paper Size

Staple Paper Weight 17 - 24 lb. Bond (64 - 90 g/m²) Staple Positions 1 staple: 3 positions; 2 staples: 1 position 2-/3-Hole Punch Unit Optional: Installs inside Finisher Punch Paper Sizes: 5.5" x 8.5" to 11" x 17" Dimensions (WxDxH) 25.9" x 25.1" x 37.8" (657 x 613 x 960 mm)

Additional Accessories

FAC52 Cabinet, Envelope Feeder Tray, Side Tray, Internal Sort Shift Tray, One Bin Tray, File Format Converter, Key Counter Bracket Card Reader Bracket, Bridge Unit, Scanner Accessibility, SD Card for Netware, Browser Unit, Platen Cover, Counter Interface, Camera Direct Print Card, ADF Handle, IPDS Unit, HotSpot Printing Kit, Fierv™ Print Controller

Consumables

Staple Capacity

Item Yield 31,000 pages Black Toner 22,500 pages Cvan Toner Magenta Toner 22,500 pages Yellow Toner 22,500 pages

Either the Cabinet Stand or one of the paper bank options must be installed. Requires configuration with Bridge Unit Not available on MP C4502A/C5502A















8 Bluetooth





